CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY	East Germany/USSR	REPORT	
SUBJECT	Development of Dosimeters for the USSR in East Germany	DATE DISTR.	21 February 1955 25X1
		NO. OF PAGES	2
DATE OF INFO.		REQUIREMENT	
PLACE ACQUIRED		REFERENCES	25X1

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

1. MO-2 type Dosimeter (Integraldosimeter)

   a. 500 dosimeters ordered from East Germany are under construction at the VEB Geraetebau, Karl-Marx-Stadt. By 1 December 1954, the order was 75% completed and the firm was only waiting for the following components to finish the task:

      (1) Resistances and condensors from the VEB Kondensatorenfabrik, Gera;

      (2) 1000 high-resistance ceramic switches from the VEB Schalterbau Dorfheim;

      (3) Dry batteries)
) from the Soviet Union
      (4) Tubes, type 1E1P (I3III))

   The dry batteries were expected in December 1954, and the tubes by the end of January 1955. The delivery date of the completed devices to the Soviet Union was expected to be not before the end of March 1955.

   b. By the end of November 1954, 30,000 of the 150,000 ionization chambers required for the 500 MO-2 dosimeters had been completed.

2. KL-type Dosimeters

   It was anticipated that the first 100 KL-type dosimeters, under construction at the VEB EFEM (Entwicklung und Fertigung Elektrische Messinstrumente), East Berlin, would be ready for delivery by the end of January 1955. The remaining 1400 were scheduled to be delivered not later than the end of the first quarter of 1955. Work was held up by a shortage of the 1.5 mm aluminum sheet of which the instrument was constructed.

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STATE	ARMY	NAVY	AIR	FBI	AEC	OSI EV	OSI EV
X	X	X	X			X	X

(NOTE: Washington distribution indicated by "X"; Field distribution by "#".)

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3. Russian tube type 1E1P (I3III) Engineer Captain Vaispal instructed VEB EFEM, in mid-November 1954, to extend the baffle cap (Abschirmkappe) for the 1E1P valves by 6 mm.

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